

new fit
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3. (Amended) The cylindrical cleaning element according to claim 1, in which said cylindrical cleaning element is made in the dry state with said through-hole enlarged and, before being made in said dry state, said cylindrical cleaning element is subjected to said wet state to enable the through-hole to be enlarged and is purified in said wet state.

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4. (Amended) A cleaning member comprising:
a cylindrical cleaning element having an axial through-hole formed therein; and
a rotary shaft held in the through-hole with a press-fit.
the cylindrical cleaning element being capable of being in either a wet state or a dry state, wherein the through-hole of the cylindrical cleaning element in a wet state has a diameter smaller than a shaft diameter of the rotary shaft and capable of being enlarged, and the cylindrical cleaning element in a dry state is capable of being set in a form such that the through-hole is enlarged, and wherein the press-fit of the rotary shaft in the through-hole of the cylindrical cleaning element is performed when the cylindrical cleaning element is in a wet state.

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6. (Amended) The cleaning member according to claim 4, wherein a surface of the rotary shaft is formed so as to include raised and recessed portions for preventing a sliding motion.

7. (Amended) The cleaning member according to claim 4, wherein the cylindrical cleaning element is made in the dry state with said through-hole enlarged and, before being made in said dry state, said cylindrical cleaning element is subjected to the wet state to enable the through-hole to be enlarged and is purified in said wet state.

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9. (Amended) A method for producing a cylindrical cleaning element, comprising:
preparing a cylindrical cleaning element having an axial through-hole formed therein for passing a rotary shaft, the cylindrical cleaning element being capable of being in either a wet state

or a dry state and the through-hole having, in a wet state, a predetermined diameter smaller than a diameter of the rotary shaft;

wetting the cylindrical cleaning element;

enlarging the through-hole of the wet cylindrical cleaning element so that it has a diameter larger than the diameter of the rotary shaft; and

dry-setting the enlarged cylindrical cleaning element.

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10. (Amended) A method for producing a cylindrical cleaning element according to claim 9, wherein the cylindrical cleaning element is purified in said wet state.

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13. (Amended) A tool for enlarging a diameter of a cylindrical cleaning element used in a method for forming a cleaning member, in which a cylindrical cleaning element having an axial through-hole formed therein and having a predetermined inner diameter in a wet state is caused to be wet and the through-hole of the wet cylindrical cleaning element is enlarged, the cylindrical cleaning element is dry-set in a form such that the through-hole is enlarged, a rotary shaft is inserted into the through-hole of the dry-set cylindrical cleaning element, the rotary shaft having an outer diameter smaller than a diameter of the enlarged through-hole and larger than the predetermined inner diameter of the through-hole, and the dry-set cylindrical cleaning element after insertion of the rotary shaft is caused to be wet, to thereby provide a press-fit between the cylindrical cleaning element and the rotary shaft to form said cleaning member,

the tool being adapted to be used for enlarging an inner diameter of the wet cylindrical cleaning element in the method and comprising:

a cylindrical segmented core rod having an axial through-hole formed therein and capable of being diametrically enlarged or contracted, the segmented core rod being adapted to be inserted in a contracted state into the through-hole of the wet cylindrical cleaning element; and

a diameter-enlarging element adapted to be inserted into the through-hole of the segmented core rod which has been inserted into the through-hole of the cylindrical cleaning

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element, so as to enlarge a diameter of the segmented core rod to a diameter larger than the outer diameter of the rotary shaft.